



Smart Inverter Workshop Agenda

June 21, 2013, 9:15 a.m. – 4 p.m.

9:15 to 10:30 a.m. Focus of Workshop and Background:

Jamie Ormond, CPUC & Rachel MacDonald, CEC – Welcome, Emergency Info; Collaboration & Intro

Commissioner Florio, CPUC & Chair Weisenmiller, CEC – Opening Comments

Frances Cleveland – An overview of inverter technologies and the European Experience

- Overview of inverter technology 101
- European Experience
- Phased Approach & working group intro

Tom Bialek, SDG&E – Distributed PV on SDG&E's system today and how advanced inverter technologies can support increasing concentrations and amounts of PV generation over time.

- San Diego Issues near and far term with large PV penetrations
- What SDGE learned from European Experience

Brian Seal & Jeff Smith, EPRI – Future benefits of advanced inverters and R&D involvement with CA utilities

- Modeling utility distribution circuits and simulation of actual intermittency
- Discuss value of smart inverters to deal with system issues.

10:30/45 a.m. – Noon Technical Working Group – Phase 1 Recommendations for Autonomous Functions:

Frances Cleveland, Panel lead – Working group background and approach

- Chase Sun, PG&E – panel participation
- Russ Neal, SCE – coordination between 1547a and this effort
- Tom Bialek, SDGE – panel participation
- TBD– Manufacturer capability to support recommended functions

Noon -1 p.m.LUNCH

1 – 2 p.m. Discussion of Communications Protocol Issues

Frances Cleveland, Afternoon Panel Lead

- Panel Members:
 - SunSpec
 - TÜV Rhineland
 - Utility representatives
 - Industry representatives

2 – 3 p.m. Discussion of Testing, Certification & Implementation Plan for Recommended Inverter Functions/Settings:

- Testing requirements for Phase 1 (Russ)
- SunSpec/ TÜV Rhineland slides
- NREL/SCE slides
- Discuss approximate time frames for testing procedures
- Discuss timeframe for manufacturers to develop specifications
- Discuss utility timeframe for piloting technologies

3 – 4 p.m. Next Steps: Implementation Strategy:

- Discuss preparation for Phase 2
- Overview of timeline for comment period
- Development of language for updating tariff

4 p.m. Closing Remarks

